X 3,6-LI A

PARKSIDE

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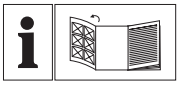
LITHIUM ION CORDLESS SCREWDRIVER

Operation and Safety Notes



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Before reading, unfold the page containing the illustrations and familiarise yourself with all functions of the device.

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The following pictograms are used in these operating instructions / on the device:			
	Read instruction manual!		Safety class II
	Observe caution and safety notes!		Keep children away from electrical power tools!
	Caution – electric shock! Danger to life!		Wear hearing protection, dust protection mask, protective glasses and protective gloves.
	Risk of explosion!		For indoor use only!
n_0	Nom. no-load speed		Check that the device, mains lead and plug are in good condition!
V~	Volt (AC)		Dispose packaging and appliance in an environmentally-friendly way!
mA A / Ah	Milliamps / Amps / Amp-hours		Do not dispose of rechargeable batteries with your household refuse!
V ⎓	Direct current (Type of current and voltage)		

Lithium ion cordless screwdriver X3.6-LI A

● Introduction

Before you use it for the first time, it is essential that you make yourself fully familiar with the functions of the appliance and find out how to correctly handle electrically powered tools. To do this, read the following operating instructions carefully. Retain these instructions for future reference. Additionally, pass them on to whoever might acquire the appliance at a future date.

● Intended purpose

This device is intended for driving screws into wood, plastic and metal. Use the appliance only as described and only for the purposes indicated. The device is not intended for commercial use. Any other uses, and modifications to the appliance, are deemed to be improper usage and may result in serious physical injury. The manufacturer accepts no responsibility for damage(s) resulting from improper usage.

● Equipment Components

1 Direction of rotation switch / lock
2 Direction indicator (clockwise)
3 Battery display
4 Direction indicator (anticlockwise)
5 Charging socket (device)
6 ON / OFF switch (LED lights)
7 ON / OFF switch
8 LED lights
9 Tool holder
10 Mains adapter

● Included items

1 Lithium ion cordless screwdriver X3.6-LI A
1 Mains adapter X3.6-LI A-1
1 Carry case
20 Bits (see Fig. C)
1 Bit extension (see Fig. C)
1 Operating instructions

Technical Data

X3.6-LI A cordless screwdriver:

Rated voltage:	3.6 V ⎓
Rechargeable battery (integrated):	LITHIUM
Rechargeable battery capacity:	1350 mAh
No-load speed:	n_0 200 min^{-1}
Torque:	max. 4 Nm
Tool holder:	6.35 mm ($^1/_4$")

X3.6-LI A-1 mains adapter:

INPUT:

Rated voltage:	230 - 240 V ~ 50 / 60 Hz
Rated power:	5,5 W

OUTPUT:

Rated voltage:	6,2 V ⎓
Rated power:	400 mA
Charging time:	Approx. 3 hrs.
Protection class:	II / ⧈

Noise / vibration data:

Values determined in accordance with EN 60745
The sound pressure level (A-weighted) of the device is typically 55 dB (A). Uncertainty K = 3 dB.
The sound level while working can exceed 80 dB (A).

Total vibration (vector sum of three directions) is calculated in accordance with EN 60745:

Screwing: Vibration emission value $a_{h,D}$ = 2.101 m / s^2, uncertainty K = 1.5 m / s^2

⚠ **WARNING!** The vibration level given in these instructions has been measured in accordance with a standardised measurement procedure specified in EN 60745 and can be used to compare devices. Different uses of the device give rise to different vibration levels and in many cases they may exceed the values given in these instructions. It is easy to underestimate the vibration load if the electrical power tool is used regularly in particular circumstances.

Note: If you wish to make an accurate assessment of the vibration loads experienced during a particular period of working, you should also take into account the intervening periods of time when the device is switched off or is running but is not actually in use. This can result in a much lower vibration load over the whole of the period of working.

General safety advice for electrical power tools

⚠ **WARNING! Read all the safety advice and instructions!** Failure to observe the safety advice and instructions may result in electric shock, fire and / or serious injury.

KEEP ALL THE SAFETY ADVICE AND INSTRUCTIONS IN A SAFE PLACE FOR FUTURE REFERENCE! THE TERM "ELECTRICAL TOOL" USED IN THE SAFETY ADVICE REFERS TO ELECTRICAL TOOLS POWERED BY MAINS ELECTRICITY (BY MEANS OF A MAINS LEAD) AND ELECTRICAL TOOLS POWERED BY RECHARGEABLE BATTERIES (WITHOUT A MAINS LEAD).

1. Workplace safety

a) **Keep your working area clean and well lit.** Untidy or poorly lit working areas can lead to accidents.

b) **Do not work with the device in potentially explosive environments in which there are inflammable liquids, gases or dusts.** Electrical power tools create sparks, which can ignite dusts or fumes.

c) **Keep children and other people away while you are operating the electrical tool.** Distractions can cause you to lose control of the device.

2. Electrical safety

To avoid danger to life from electric shock:

a) **The mains plug on the device must match the mains socket. The plug must not be modified in any way. Do not use an adapter plug with devices fitted with a protective earth.** Unmodified plugs and matching sockets reduce the risk of electric shock.

b) **Avoid touching earthed surfaces such as pipes, radiators, ovens and refrigerators with any part of your body.** There is an increased risk of electric shock if your body is earthed.

c) **Keep the device away from rain or moisture.** Water entering an electrical device increases the risk of electric shock.

d) **Do not use the mains lead for any purpose for which it was not intended, e.g. to carry the device, to hang up the device or to pull the mains plug out of the mains socket. Keep the mains lead away from heat, oil, sharp edges or moving parts of the device.** Damaged or tangled mains leads increase the risk of electric shock.

e) **When working outdoors with an electrical power tool always use extension cables that are also approved for use outdoors.** The use of an extension cable suitable for outdoor use reduces the risk of electric shock.

f) **Use a residual current device (RCD) for protection if operating the electrical power tool in a moist environment is unavoidable.** The use of an RCD reduces the risk of electric shock.

3. Personal safety

a) **Remain alert at all times, watch what you are doing and always proceed with caution. Do not use the device if you are tired or under the influence of drugs, alcohol or medication.** One moment of carelessness when using the device can lead to serious injury.

b) **Wear personal protective equipment and always wear safety glasses.** The wearing of personal protective equipment such as dust masks, non-slip safety shoes, safety helmets or ear protectors, appropriate to the type of electrical power tool used and work undertaken, reduces the risk of injury.

c) **Avoid unintentional operation of the device. Check that the electrical power tool is switched off before you connect it to the mains, pick it up or carry it.** Accidents can happen if you carry the device with your finger on the ON/OFF switch or with the device switched on.

d) **Remove any setting tools or spanners before you switch the device on.** A tool or spanner left attached to a rotating part of a device can lead to injury.

e) **Avoid placing your body in an unnatural position. Keep proper footing and balance at all times.** By doing this you will be in a better position to control the device in unforeseen circumstances.

f) **Wear suitable clothing. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves clear of moving parts.** Loose clothing, jewellery or long hair can become trapped in moving parts.

g) **If vacuum dust extraction and collection devices are fitted do not forget to check that they are properly connected and correctly used.** The use of these devices reduces the hazard presented by dust.

4. Careful handling and use of electrical power tools

a) **Do not overload the device. Always use an electrical power tool that is intended for the task you are undertaking.** By using the right electrical power tool for the job you will work more safely and achieve a better result.

b) **Do not use an electrical power tool if its switch is defective.** An electrical power tool that can no longer be switched on and off is dangerous and must be repaired.

c) **Pull the mains plug out of the socket before you make any adjustments to the device, change accessories or when the device is put away.** This precaution is intended to prevent you from unintentionally starting the device.

d) **When not in use always ensure that electrical power tools are kept out of reach of children. Do not let anyone use the device if he or she is not familiar with it or has not read the instructions and advice.** Electrical power tools are dangerous when they are used by inexperienced people.

e) **Look after the device carefully. Check that moving parts are working properly and move freely. Check for any parts that are broken or damaged enough to detrimentally affect the functioning of the device. Have damaged parts repaired before you use the device.** Many accidents have their origins in poorly maintained electrical power tools.

f) **Keep cutting tools clean and sharp.** Carefully maintained cutting tools with sharp cutting edges are less likely to jam and are easier to control.

g) **Use the electrical power tool, accessories, inserted tools etc. in accordance with these instructions and advice, and the stipulations drawn up for this particular type of device. In doing this, take into account the working conditions and the task in hand.** The use of electrical power tools for purposes other than those intended can lead to dangerous situations.

5. Careful handling and use of rechargeable devices

a) **Charge a rechargeable battery unit using only the charger recommended by the manufacturer.** Chargers are often designed for a particular type of rechargeable battery unit. There is the danger of fire if other types of rechargeable battery units are used.

b) **Only the rechargeable battery units supplied are to be used with an electrical power tool.** The use of other rechargeable battery units may lead to the danger of injury or fire.

c) **When they are not being used, store rechargeable battery units away from paperclips, coins, keys. nails, screws or other small metal objects that could cause the contacts to be bridged.** Short-circuiting the contacts of a rechargeable battery unit may result in heat damage or fire.

d) **Fluids may leak out of rechargeable battery units if they are misused. If this happens, avoid contact with the fluid. If contact occurs, flush the affected area with water. Seek additional medical help if any of the fluid gets into your eyes.** Escaping battery fluid may cause skin irritation or burns.

Safety advice relating to cordless drill drivers

- **Securely support the workpiece.** A workpiece held in a clamp or vice is kept more securely in place than one held by your hand.
- **Hold the electrical power tool firmly.** High reaction torques may occur momentarily during tightening or loosening of screws.
- **If the inserted tool jams, switch off the electrical power tool immediately.** Be prepared for high reaction torques as they may cause kickback.

WARNING! The inserted tool may strike concealed electricity cables, therefore when working you must

hold the electrical power tool by the insulated handle areas only. Contact with a live wire means that the metal parts of the electrical power tools may become live and this can result in an electric shock.

- **Before you carry out any tasks on the device, transport or store it, make sure that the direction of rotation switch is in the middle position (lock).** To prevent the device from starting up unintentionally.

Original ancillaries / accessories

- **Use only the ancillaries and accessories that are detailed in the operating instructions.** The use of ancillaries and accessories other than those recommended in the operating instructions could lead to an increased risk of personal injury for you.

Before first use

Charging the rechargeable battery on the device (see Fig. D)

Note: The battery is supplied partially charged. Charge the battery for at least three hours before first use. You can charge the Li-Ion battery at any time without risk of shortening battery life. Interrupting the charging process does not damage the battery.

Starting the charging process:

- Connect the mains adapter 10 to a 230 / 240 V ~ 50 Hz mains socket.
- Connect the mains adapter 10 to the charging socket on the device 5.
  The rechargeable battery is charged when the battery indicator 3 changes from red to green.

Ending the charging process:

- Disconnect the mains adapter 10 from the mains socket.
- Disconnect the mains adapter 10 from the charging socket on the device 5.

Changing the bits / screwdriver bit inserts

Insertion:

- Insert the bit directly into the tool holder 9.

Removal:

- Pull out the bit out of the tool holder 9.

Preparing the tool for use

Switching on / off the cordless screwdriver

Switching on:

- To start the appliance squeeze on the ON / OFF switch 7 and then keep it pressed down.

Switching off:

- To stop the appliance, release the ON / OFF switch 7.

Changing the direction of rotation

Clockwise:

- Slide the direction of rotation switch 1 to the left.
- Press the ON / OFF switch 7. The direction indicator (clockwise) 2 illuminates. You can now screw in the screws.

Anticlockwise:

- Slide the direction of rotation switch 1 to the right.
- Press the ON / OFF switch 7. The direction indicator (anticlockwise) 4 illuminates. You can now screw out the screws.

Lock:

□ Slide the direction of rotation switch 1 into the middle position. The ON / OFF switch 7 is now locked.

● Switching on / off the LED lights 8

Switching on:

□ Press the ON / OFF switch (LED lights) 6 and keep it pressed.

Switching off:

□ Release the ON / OFF switch (LED lights) 6.

● Tips and Tricks

□ Screw bits are designated with their dimensions and their shape. If you are unsure, always try the particular screw bit out to see whether it sits in the screw head without any free play.

● Maintenance and cleaning

■ ⚠ **WARNING! DANGER OF ELECTRIC SHOCK!** Pull the mains adapter 10 out of the mains socket before carrying out any cleaning of the device.

The cordless screwdriver is maintenance-free.

□ Always keep the device clean, dry and free of oil or grease.
□ Do not allow any liquids to enter the device.
□ Use a cloth to clean the housing. Never use petrol, solvents or cleaning agents that might attack plastic.

● Service

■ ⚠ **WARNING! Have your device repaired at the service centre or by qualified specialist personnel using original manufacturer parts only.** This will ensure that your device remains safe to use.

■ ⚠ **WARNING! If the plug or lead needs to be replaced, always have the replacement carried out by the manufacturer or its service centre.** This will ensure that your device remains safe to use.

● Warranty

This appliance is guaranteed for 3 years from the date of purchase. It has been carefully produced and meti-culously checked before delivery. Please keep your receipt as proof of purchase. Contact your service centre by telephone in case of questions pertaining to the warranty. Your goods can be transmitted free of cost only in this manner. This warranty applies only to the initial purchaser and is non-transferable.

The warranty covers only material or manufacturing faults, not normal wear or damage to fragile parts such as switches or rechargeable batteries. The appliance is intended solely for private, not commercial, use.

If this product has been subjected to improper or inappropriate handling, abuse, or interventions not carried out by one of our authorised sales and service outlets, the warranty will be considered void. This warranty does not affect your statutory rights.

GB

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Mobile operators may vary.
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● Disposal

The packaging comprises exclusively environmentally-friendly material. Dispose of it in your local recycling containers.

Do not dispose of electrical appliances with your domestic waste!

In accordance with European Directive 2002/96/EC, worn out electrical power tools must be collected separately and taken for environmentally compatible recycling.

Do not dispose of rechargeable batteries with your household refuse!

Defective or worn out rechargeable batteries must be recycled according to Directive 2006/66/EC. Dispose of batteries and appliances over the existing collection facilities.

Please contact your local council office to find out about disposal facilities for your worn-out electrical tools or discarded battery packs.

● Conformity Declaration / Manufacturer CE

We, Kompernaß GmbH, Burgstr. 21, D-44867 Bochum, Germany, hereby declare that this product complies with the requirements of the following EU directives:

Machinery Directive (98/37/EC)

EC Low Voltage Directive (2006/95/EC)

Electromagnetic compatibility (2004/108/EC)

Type / Appliance Designation:
Parkside Lithium ion cordless screwdriver X3.6-LI A

Bochum, 31.08.2009

Hans Kompernaß
- Managing Director-

We reserve the right to make technical modifications in the course of further development.

IAN 35327

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